

REMARKS

Enclosed herewith in full compliance to 37 C.F.R. §§1.821-1.825 is a substitute Sequence Listing to be inserted into the specification as indicated above. The substitute Sequence Listing in no way introduces new matter into the specification. Also submitted herewith in full compliance to 37 C.F.R. §§1.821-1.825 is a disk copy of the substitute Sequence Listing. The disk copy of the substitute Sequence Listing, file "2002-12-03 3631-0117P seq list.txt", is identical to the paper copy, except that it lacks formatting.

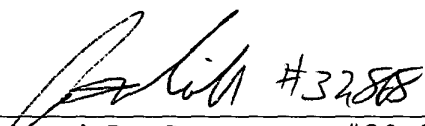
The substitute Sequence Listing is being submitted because the computer readable form (CRF) of the Sequence Listing filed on July 29, 2002 could not be processed by the Scientific and Technical Information Center (STIC) as stated in the Notice to Comply mailed November 4, 2002. The enclosed paper and disk copies of the substitute Sequence Listing are identical to those filed in the response submitted on July 29, 2002, however, they are being re-submitted in order to be properly processed by STIC.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17; particularly, extension of time fees.

Respectfully submitted,

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By

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3631-0117P

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Attachments:

Paper and Disk Copy of Substitute Seq Listing
Copy of Notice to Comply

(Rev. 03/27/01)